



MONTHLY METEOROLOGICAL SUMMARY / SOMMAIRE MÉTÉOROLOGIQUE MENSUEL

February 1997

WINNIPEG INT'L AIRPORT

Février 1997

LAT 49° 54N LONG 97° 17W		ALTITUDE 240 / ÉLEVATION 240		MÈTRES (ASL) / MÈTRES (NMM)		STANDARD TIME USED: / HEURE NORMALE UTILISÉE:				CENTRAL CENTRALE									
DATE	TEMPERATURE / TEMPÉRATURE			DEGREE DAYS / DEGRÉS-JOURS			REL. HUMIDITY / HUMIDITÉ REL.		ORAGE / THUNDERSTORM	PRECIPITATION / PRÉCIPITATIONS			NEIGE AU SOL / SNOW ON GROUND	WINDS / VENTS			INSOLATION EFFECTIVE / BRIGHT SUNSHINE		
	MAXIMALE / MAXIMUM	MINIMUM	MOYENNE / MEAN	DE CHAUFFE / HEATING	DE CROISSANCE / GROWING	DE RÉFRIGÉRATION / COOLING	MAXIMALE / MAXIMUM	MINIMALE / MINIMUM		PLUIE (HAUTEUR) / RAINFALL	NEIGE (HAUTEUR) / SNOWFALL	PRÉCIP. TOTAL / TOTAL PRECIP.		VITESSE MOYENNE / AVERAGE SPEED	DIRECTION DOMINANTE / PREVAILING	DIRECTION / DIRECTION		VITESSE MOYENNE MAX SUR 2 MIN & DIRECTION / MAX 2 MIN MEAN SPEED & DIRECTION	
	°C	°C	°C	Base 18°	Base 5°C	Base 18°	%	%		mm	cm	mm		cm	km/h			km/h	HEURES / HOURS
1	-7.7	-11.6	-9.7	27.7			94	80			0.2	0.2	55	16.6	NNW	NNW	26	0.0	
2	-9.8	-14.1	-12.0	30.0			84	72			TR	TR	55	8.4	N	NNW	17	3.4	
3	-4.4	-13.0	-8.7	26.7			96	82		TR	TR	TR	55	17.2	S	S	28	0.0	
4	-5.1	-6.5	-5.8	23.8			95	84			TR	TR	54	13.1	N	N	22	0.0	
5	-3.8	-8.5	-6.2	24.2			90	75						17.0	SW	SW	26	6.4	
6	-3.9	-22.3	-13.1	31.1			90	61			TR	TR	53	18.3	N	N	26	5.1	
7	-6.8	-26.3	-16.6	34.6			88	61			TR	TR	53	14.0	S	S	22	6.0	
8	-4.1	-13.3	-8.7	26.7			91	81			TR	TR	53	23.8	S	SSW	35	8.6	
9	-7.0	-17.4	-12.2	30.2			91	80			0.2	TR		15.0	S	N	43	5.4	
10	-12.0	-23.1	-17.6	35.6			89	64			TR	TR	52	19.9	N	NNE	44	4.2	
11	-9.3	-27.5	-18.4	36.4			89	56			0.2	0.2	52	19.5	S	N	33	4.4	
12	-17.4	-31.4	-24.4	42.4			71	56			TR	TR	52	22.7	S	S	43	5.4	
13	-5.3	-17.4	-11.4	29.4			93	68			1.8	1.6	53	32.7	S	S	44	0.0	
14	-11.4	-23.7	-17.6	35.6			92	81			0.4	0.4	53	17.6	NW	NW	31	5.8	
15	-16.5	-30.4	-23.5	41.5			91	60			TR	TR	53	10.8	NNE	NNE	20	5.6	
16	-11.0	-31.2	-21.1	39.1			93	68			1.6	1.2	53	28.8	S	S	52	0.0	
17	-1.3	-11.1	-6.2	24.2			94	90			TR	TR	54	22.9	S	S	41	7.0	
18	-6.1	-18.4	-12.3	30.3			94	84		TR	1.4	1.0	53	16.0	N	NNW	31	0.3	
19	-4.7	-22.4	-13.6	31.6			92	79		1.0		1.0	53	24.4	S	S	48	5.1	
20	-1.4	-15.6	-8.5	26.5			93	72					52	23.0	NNW	S	41	0.3	
21	-10.8	-19.4	-15.1	33.1			88	51			0.4	0.2	51	8.1	N	N	15	7.7	
22	-12.5	-25.5	-19.0	37.0			93	64			TR	TR	51	15.2	NW	NW	30	7.9	
23	-14.5	-27.2	-20.9	38.9			69	58			TR	TR	51	19.4	WNW	NW	30	8.7	
24	-9.6	-31.6	-20.6	38.6			83	60					51	25.0	S	S	50	0.7	
25	3.3	-11.1	-3.9	21.9			98	72			0.2	0.2	51	26.2	W	NNW	39	5.9	
26	-3.4	-19.8	-11.6	29.6			88	72			TR	TR	51	25.3	N	N	43	5.3	
27	-11.5	-25.3	-18.4	36.4			94	52			TR	TR	50	6.8	NE	NE	13	8.5	
28	-7.0	-14.3	-10.7	28.7			92	81			4.2	3.8	50	11.2	NNE	NNE	22	1.0	
	MEAN / MOY.	MEAN / MOY.	MEAN / MOY.	TOTAL	TOTAL	TOTAL	MEAN / MOY.	MEAN / MOY.	TOTAL	TOTAL	TOTAL	TOTAL		MEAN / MOY.	PREVAILING / DOMINANTE	MAXIMUM / MAXIMALE	TOTAL		
	-7.7	-20.0	-13.8	891.8	0.0	0.0	89	70		1.0	10.6	9.8		18.5	S	S	52	118.7	
NORMAL / NORMALE	-9.7	-20.6	-15.1	936.2						0.4	17.1	14.8		17.0	SSE			139.9	
DEGREE DAY SUMMARY/SOMMAIRE DE DEGRÉS-JOURS												DAYS WITH TOTAL PRECIPITATION: / JOURS AVEC PRÉCIPITATIONS TOTALES:				DAYS WITH SNOWFALL: / JOURS AVEC CHÛTES DE NEIGE:			
BELOW 18°C / AU-DESSOUS DE 18°C	THIS YEAR / EN COURS	PREVIOUS YEAR / PRÉCÉDENTE	NORMAL / NORMALE	ABOVE 5°C / AU-DESSUS DE 5°C	THIS YEAR / EN COURS	PREVIOUS YEAR / PRÉCÉDENTE	NORMAL / NORMALE	0.5 OR MORE	1.0 OR MORE	2.0 OR MORE	10.0 OR MORE	50.0 OR MORE	0.2 OR MORE	1.0 OR MORE	2.0 OR MORE	10.0 OR MORE	50.0 OR MORE		
TOTAL FOR MONTH / TOTAL DU MOIS	891.8	960.0	936.2		0.0	0.0	0.0	OU PLUS	OU PLUS	OU PLUS	OU PLUS	OU PLUS	OU PLUS	OU PLUS	OU PLUS	OU PLUS	OU PLUS		
ACCUMULATED SINCE JULY 1 / ACCUMULÉS DEPUIS LE 1ER JUILLET	4676.5	4766.2	4386.8	ACCUMULATED SINCE APRIL 1 / ACCUMULÉS DEPUIS LE 1ER AVRIL	1736.6	1831.1	1800.3	5	5	1			10	4	1				

1. Climatological Day/Journée climatologique
 2. Normal/Normale 1961-1990
 3. TR = Trace
 4. M = Missing/Manquant
 5. No entry/Pas de valeur = No occurrence/Pas d'événement
 6. C = Calm/Calmé



COMPARATIVE RECORDS AT: RELEVÉS COMPARATIFS À:		WINNIPEG INT'L AIRPORT					February 1997 Février 1997						
		THIS MONTH CE MOIS-CI		PREVIOUS YEAR ANNÉE PRÉCÉDENTE		NORMAL NORMALE	RECORD FOR THE MONTH RECORD POUR LE MOIS						NO. OF YEARS NO. D'ANNÉES
							HIGHEST EVER MAXIMUM ABSOLU			LOWEST EVER MINIMUM ABSOLU			
		VALUE RELEVÉ	DAY JOUR	VALUE RELEVÉ	DAY JOUR		VALUE RELEVÉ	DAY JOUR	YEAR ANNÉE	VALUE RELEVÉ	DAY JOUR	YEAR ANNÉE	
HIGHEST TEMPERATURE (MAXIMUM) TEMPÉRATURE MAXIMALE	°CELSIUS	3.3	25	2.9	6		11.7	25	1958				125
LOWEST TEMPERATURE (MINIMUM) TEMPÉRATURE MINIMALE	°CELSIUS	-31.6	24	-41.8	1					-45.0	18	1966	125
MEAN MONTHLY TEMPERATURE TEMPÉRATURE MENSUELLE MOYENNE	°CELSIUS	-13.8		-15.1		-15.1	-5.1		1878	-26.1		1875	125
TOTAL MONTHLY RAINFALL HAUTEUR TOTALE MENSUELLE DE PLUIE	Millimetres (mm) Millimètres (mm)	1.0		9.8		0.4	10.2		1958	0.0		1985	125
TOTAL MONTHLY SNOWFALL HAUTEUR TOTALE MENSUELLE DE NEIGE	Centimetres (cm) Centimètres (cm)	10.6		28.2		17.1	89.9		1881	0.2		1993	125
TOTAL MONTHLY PRECIPITATION PRÉCIPITATION TOTALE MENSUELLE	Millimetres (mm) Millimètres (mm)	9.8		36.8		14.8	89.9		1881	0.2		1993	125
NUMBER OF DAYS WITH MEASURABLE PRECIPITATION NOMBRE DE JOURS AVEC PRÉCIPITATION MÉSURABLE		5		8		8	15		1945	1		1993	125
GREATEST RAINFALL IN ONE DAY HAUTEUR DE PLUIE MAXIMALE EN UNE JOURNÉE	Millimetres (mm) Millimètres (mm)	1.0	19	5.6	22		7.6	23	1958				125
GREATEST SNOWFALL IN ONE DAY HAUTEUR DE NEIGE MAXIMALE EN UNE JOURNÉE	Centimetres (cm) Centimètres (cm)	4.2	28	10.0	8		25.4	16	1921				125
GREATEST PRECIPITATION IN ONE DAY PRÉCIPITATION MAXIMALE EN UNE JOURNÉE	Millimetres (mm) Millimètres (mm)	3.8	28	11.8	9		25.4	16	1921				125
MAXIMUM RAINFALL RECORDED IN HAUTEUR DE PLUIE ENREGISTRÉE EN													
5 MINUTES	Millimetres (mm) Millimètres (mm)	M	M	M	M		0.0						1997
10 MINUTES	Millimetres (mm) Millimètres (mm)	M	M	M	M		0.0						1997
15 MINUTES	Millimetres (mm) Millimètres (mm)	M	M	M	M		0.0						1997
30 MINUTES	Millimetres (mm) Millimètres (mm)	M	M	M	M		0.0						1997
60 MINUTES	Millimetres (mm) Millimètres (mm)	M	M	M	M		0.0						1997
24 CONSECUTIVE HOURS HEURES CONSÉCUTIVES	Millimetres (mm) Millimètres (mm)	M	M	5.6	22		7.6	23	1958				125
MEAN WIND SPEED (KMH) VITESSE MOYENNE DU VENTS (KMH)		18.5		21.4		17.0	23.8		1954	12.1		1986	76
MAXIMUM WIND SPEED (2 MIN MEAN) (KMH) VITESSE MAXIMALE (MOYENNE SUR 2 MIN.) (KMH)		S 52	16	NNW 52	10		NNE 90	8	1960				58
MAXIMUM GUST SPEED (KMH) POINTE DU VENT MAXIMALE (KMH)		S 69	16	NNW 70	10		NNE 129	20	1965				50
TOTAL HOURS OF SUNSHINE TOTAL DES HEURES INSOLATION		118.7		151.9		139.9	204.2		1989	58.5		1987	115
MEAN STATION PRESSURE (kPa) PRESSION MOYENNE À LA STATION (kPa)		99.04		98.57		98.95	99.57		1978	98.26		1954	58
GREATEST STATION PRESSURE (kPa) PRESSION MAXIMAL À LA STATION (kPa)		101.10	24	100.60	28		102.41	17	1989				58
LEAST STATION PRESSURE (kPa) PRESSION MINIMALE À LA STATION (kPa)		97.09	25	95.33	19					94.99	21	1988	58
CLIMATOLOGICAL DATA THIS MONTH FOR THE PAST 10 YEARS DONNÉES CLIMATOLOGIQUES CE MOIS-CI POUR LES 10 DERNIÈRES ANNÉES													
YEAR ANNÉE	MAXIMUM TEMPERATURE MAXIMALE	MINIMUM TEMPERATURE MINIMALE	MEAN TEMPERATURE MOYENNE	RAINFALL HAUTEUR DE PLUIE	SNOWFALL HAUTEUR DE NEIGE	TOTAL PRECIP TOTALE	MEAN WIND SPEE VITESSE MOYENNE DES VENTS	MAXIMUM WIND SPEED VITESSE MAXIMALE DES VENTS	SUNSHINE HOURS HEURES INSOLATION	HEATING DEGREE DAYS DEGRES-JOURS DE CHAUFFE	GROWING DEGREE DAYS DEGRES-JOURS DE CROISSANCE	COOLING DEGREE DAYS DEGRES-JOURS DE RÉFRIGERATION	S.A.S. A.S.N.
1988	6.3	-31.2	-15.7	0.3	11.0	10.7	18.0	NNW 52	169.3	976.3	0.0	0.0	42.8
1989	0.0	-35.6	-18.5	0.2	6.2	5.6	17.3	S 59	204.2	1021.2	0.0	0.0	130.2
1990	4.4	-33.7	-14.6	TR	12.2	9.1	16.2	WNW 43	168.7	913.0	0.0	0.0	75.8
1991	5.9	-26.3	-10.0	TR	16.6	13.8	12.8	S 37	144.6	783.8	0.0	0.0	69.3
1992	5.5	-29.7	-10.1	0.6	18.6	11.8	15.0	NNW 48	72.1	815.1	0.0	0.0	105.4
1993	3.1	-29.6	-14.8	TR	0.2	0.2	15.2	S 46	179.9	919.7	0.0	0.0	100.6
1994	3.6	-35.2	-17.7	TR	5.6	5.2	17.4	SSE 54	156.4	1002.5	0.0	0.0	68.4
1995	3.8	-31.4	-16.1	TR	12.2	9.6	17.1	NW 48	108.8	956.5	0.0	0.0	73.2
1996	2.9	-41.8	-15.1	36.8	28.2	36.8	21.4	NW 52	151.9	960.0	0.0	0.0	72.3

NOTE/AVIS

Hour ->	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean	
D 1	-100	-96	-92	-89	-85	-79	-79	-77	-80	-90	-105	-90	-90	-92	-88	-90	-95	-99	-102	-102	-102	-103	-107	-112	-94	
A 2	-115	-116	-116	-119	-119	-120	-119	-120	-123	-123	-121	-118	-120	-121	-107	-131	-117	-114	-114	-111	-111	-106	-107	-111	-104	-117
T 3	-100	-97	-95	-91	-92	-105	-127	-100	-91	-85	-76	-66	-59	-55	-52	-49	-46	-48	-48	-46	-46	-46	-47	-51	-73	
E 4	-54	-52	-53	-52	-54	-56	-57	-60	-61	-62	-61	-62	-60	-58	-57	-58	-60	-59	-58	-61	-61	-61	-61	-63	-59	
5	-65	-65	-64	-64	-60	-55	-49	-53	-51	-51	-51	-51	-53	-50	-46	-42	-39	-43	-50	-62	-65	-73	-71	-73	-57	
6	-85	-99	-114	-87	-79	-65	-54	-51	-40	-43	-45	-61	-67	-79	-90	-96	-104	-121	-129	-138	-167	-189	-210	-202	-102	
7	-209	-238	-248	-244	-252	-261	-257	-249	-239	-212	-174	-162	-149	-132	-127	-114	-112	-107	-100	-103	-101	-96	-95	-85	-170	
8	-71	-75	-85	-92	-96	-120	-127	-127	-131	-128	-116	-107	-92	-76	-56	-44	-58	-58	-91	-106	-116	-122	-119	-121	-98	
9	-130	-139	-145	-153	-160	-164	-170	-173	-168	-167	-149	-123	-104	-103	-96	-86	-99	-106	-91	-73	-74	-87	-102	-113	-125	
10	-120	-127	-136	-148	-164	-181	-192	-198	-204	-205	-210	-212	-205	-200	-197	-190	-187	-201	-217	-215	-226	-213	-207	-209	-191	
11	-197	-200	-202	-212	-210	-198	-140	-128	-119	-114	-106	-95	-96	-119	-137	-146	-155	-167	-191	-210	-230	-243	-254	-255	-173	
12	-271	-264	-273	-267	-282	-305	-282	-276	-280	-272	-253	-229	-209	-201	-194	-192	-191	-190	-187	-190	-192	-195	-195	-185	-235	
13	-174	-165	-162	-157	-142	-137	-133	-136	-130	-118	-107	-85	-68	-53	-57	-63	-71	-80	-87	-90	-91	-95	-100	-111	-111	
14	-118	-121	-127	-145	-163	-181	-189	-194	-190	-173	-170	-153	-148	-146	-143	-146	-150	-162	-199	-191	-205	-212	-216	-212	-170	
15	-190	-188	-183	-174	-174	-175	-167	-166	-167	-174	-173	-173	-171	-175	-172	-171	-177	-194	-222	-231	-259	-237	-254	-275	-194	
16	-282	-272	-267	-292	-300	-268	-269	-259	-244	-230	-212	-192	-170	-160	-153	-146	-143	-138	-137	-134	-130	-125	-120	-114	-199	
17	-111	-107	-100	-93	-86	-81	-82	-81	-85	-80	-71	-55	-43	-24	-26	-17	-20	-30	-43	-65	-68	-71	-77	-71	-67	
18	-79	-88	-82	-82	-61	-66	-69	-77	-81	-86	-90	-92	-94	-100	-110	-117	-130	-133	-153	-162	-152	-149	-157	-181	-109	
19	-178	-190	-215	-210	-224	-212	-215	-205	-203	-198	-167	-155	-146	-132	-114	-103	-91	-83	-87	-81	-77	-77	-72	-60	-147	
20	-47	-38	-25	-23	-18	-19	-27	-28	-42	-42	-44	-51	-44	-48	-52	-57	-58	-63	-73	-100	-122	-139	-123	-136	-60	
21	-150	-160	-172	-174	-168	-160	-156	-168	-181	-178	-167	-162	-149	-135	-128	-117	-116	-118	-110	-112	-112	-116	-116	-116	-120	-145
22	-125	-150	-162	-167	-195	-187	-223	-240	-252	-212	-191	-177	-151	-158	-150	-154	-167	-172	-184	-205	-212	-213	-212	-211	-187	
23	-213	-226	-220	-223	-226	-229	-241	-252	-246	-224	-210	-193	-169	-155	-151	-147	-164	-184	-212	-215	-219	-248	-249	-208	-208	
24	-269	-290	-260	-295	-308	-294	-285	-274	-275	-245	-218	-209	-192	-181	-167	-163	-157	-145	-135	-126	-116	-114	-108	-100	-206	
25	-110	-99	-86	-77	-49	-59	-59	-50	-25	-7	6	19	30	27	31	30	29	20	16	15	12	11	5	-7	-17	
26	-35	-62	-80	-86	-97	-102	-107	-111	-122	-125	-116	-116	-114	-107	-103	-102	-102	-107	-120	-161	-176	-192	-189	-183	-118	
27	-188	-204	-207	-214	-224	-221	-231	-239	-245	-234	-210	-184	-167	-150	-127	-121	-116	-125	-155	-151	-156	-172	-173	-157	-183	
28	-141	-135	-136	-114	-114	-127	-125	-120	-114	-106	-104	-95	-85	-77	-75	-71	-74	-74	-77	-79	-80	-82	-80	-80	-100	
Mean	-141	-146	-148	-148	-151	-152	-152	-151	-151	-144	-134	-125	-115	-111	-105	-104	-106	-111	-120	-126	-131	-134	-137	-138	-134	
Moyenne																										

*Temperatures In Tenths of Degrees Celsius
*Temperatures En Dixieme Degres Celsius

Hour ->	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean
D 1	-109	-106	-102	-99	-96	-89	-88	-87	-91	-102	-117	-111	-114	-115	-111	-113	-117	-121	-123	-124	-126	-129	-131	-140	-112
A 2	-140	-139	-147	-148	-149	-149	-145	-147	-147	-146	-145	-151	-149	-149	-158	-143	-140	-137	-132	-135	-134	-136	-134	-145	-148
T 3	-126	-121	-118	-112	-116	-122	-141	-119	-107	-103	-96	-81	-78	-70	-66	-63	-59	-58	-57	-53	-53	-52	-53	-58	-88
E 4	-61	-61	-62	-60	-62	-65	-69	-69	-77	-77	-77	-79	-78	-77	-76	-77	-77	-80	-81	-80	-81	-80	-81	-81	-75
5	-80	-80	-79	-80	-78	-74	-75	-78	-76	-75	-72	-74	-77	-76	-74	-72	-82	-88	-95	-99	-102	-98	-98	-97	-82
6	-105	-119	-132	-107	-96	-82	-71	-67	-59	-58	-62	-83	-93	-100	-120	-129	-143	-161	-189	-193	-204	-217	-265	-253	-130
7	-256	-282	-292	-281	-293	-303	-303	-290	-280	-253	-230	-221	-201	-172	-164	-142	-136	-128	-120	-121	-118	-115	-112	-104	-206
8	-95	-99	-107	-111	-115	-135	-142	-141	-145	-142	-134	-127	-114	-100	-82	-75	-72	-80	-107	-121	-129	-135	-131	-135	-117
9	-143	-152	-158	-165	-172	-180	-185	-188	-182	-180	-162	-141	-133	-124	-119	-111	-120	-129	-111	-91	-97	-111	-129	-138	-144
10	-147	-151	-158	-171	-184	-201	-210	-214	-220	-221	-224	-226	-223	-250	-243	-242	-237	-245	-261	-255	-255	-251	-243	-247	-221
11	-235	-237	-242	-255	-247	-234	-161	-148	-184	-130	-124	-111	-117	-147	-171	-196	-201	-235	-242	-261	-282	-290	-305	-303	-212
12	-318	-309	-321	-308	-324	-341	-331	-327	-322	-313	-292	-279	-267	-242	-240	-248	-250	-252	-257	-259	-250	-237	-237	-237	-284
13	-219	-207	-196	-191	-179	-171	-163	-154	-158	-147	-132	-120	-100	-83	-68	-67	-73	-86	-98	-104	-106	-109	-113	-117	-133
14	-140	-144	-147	-164	-179	-196	-204	-207	-203	-188	-187	-173	-169	-168	-165	-171	-176	-186	-215	-206	-219	-230	-237	-222	-180
15	-203	-201	-195	-187	-187	-188	-180	-180	-182	-189	-189	-191	-193	-200	-201	-231	-234	-249	-267	-278	-304	-279	-301	-311	-223
16	-324	-310	-309	-327	-332	-307	-310	-301	-285	-268	-251	-229	-206	-189	-177	-166	-164	-156	-153	-149	-143	-139	-131	-124	-228
17	-120	-118	-111	-102	-95	-91	-92	-92	-95	-89	-81	-64	-52	-36	-39	-32	-33	-43	-55	-77	-77	-83	-89	-84	-78
18	-91	-99	-94	-95	-72	-75	-78	-86	-92	-97	-104	-108	-114	-118	-127	-130	-145	-152	-171	-180	-171	-170	-178	-198	-124
19	-197	-206	-230	-221	-238	-222	-229	-218	-215	-210	-187	-177	-168	-156	-137	-129	-121	-108	-109	-99	-96	-92	-86	-74	-165
20	-61	-52	-36	-34	-28	-30	-38	-38	-58	-58	-63	-71	-65	-68	-73	-83	-90	-102	-110	-129	-148	-161	-156	-177	-81
21	-189	-195	-204	-206	-198	-193	-190	-200	-209	-209	-228	-221	-209	-196	-192	-181	-197	-177	-177	-162	-153	-140	-135	-137	-188
22	-140	-161	-171	-179	-206	-201	-235	-253	-262	-222	-202	-191	-169	-179	-178	-180	-195	-204	-215	-231	-262	-256	-256	-210	
23	-257	-271	-267	-271	-274	-275	-283	-298	-291	-272	-258	-240	-215	-203	-196	-197	-197	-209	-245	-264	-267	-281	-303	-303	-257
24	-317	-337	-309	-335	-359	-336	-326	-310	-319	-290	-273	-267	-244	-227	-212	-203	-191	-173	-167	-156	-148	-145	-132	-124	-247
25	-132	-118	-106	-97	-74	-80	-77	-72	-54	-39	-31	-22	-16	-14	-15	-11	-11	-12	-12	-14	-13	-4	-1	-11	-44
26	-56	-84	-108	-121	-126	-124	-123	-132	-145	-148	-140	-140	-142	-138	-139	-139	-143	-146	-155	-179	-193	-209	-204	-201	-144
27	-202	-215	-222	-228	-234	-236	-239	-256	-257	-305	-246	-216	-198	-182	-162	-155	-146	-147	-174	-167	-171	-183	-186	-167	-205
28	-163	-153	-151	-141	-140	-145	-140	-136	-131	-124	-122	-114	-102	-95	-93	-88	-91	-91	-90	-92	-93	-95	-92	-92	-117
Mean	-166	-170	-171	-172	-174	-174	-173	-172	-174	-167	-159	-151	-143	-139	-137	-136	-138	-142	-150	-154	-158	-160	-163	-163	-160
Moyenne																									

*Temperatures In Tenths of Degrees Celsius
*Temperatures En Dixieme Degres Celsius

D A A Y O F M O N T H	Hour ->																									DIR.	Peak Wind Speed	Time					
		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23								
1 7 13 15 7 6 4 0 4 11 13 24 22 26 24 22 26 24 22 26 20 17 20 13 15 6 7	1	S	SSE	S	S	SE	SE	C	NNE	N	N	NNW	NNW	NNW	NNW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	33	16		
	2	NNW	NNW	N	N	N	NNE	N	N	NNE	N	N	NNE	NE	NNE	N	N	N	N	N	N	N	N	N	N	N	N	N	N	NW	33	10	
	3	S	S	S	S	SSE	SSE	SSE	SSE	SSE	SSE	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	39	11	
	4	NNW	N	N	N	N	NNE	N	N	NNE	N	N	NNE	NNE	NNE	NNE	N	NNE	N	N	N	N	N	N	N	N	N	N	N	NNE	33	10	
	5	C	S	S	S	SSW	SSW	SSW	SSW	SSW	SSW	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	SW	31	18	
	6	W	W	W	W	NNW	NNW	NNW	NNW	NNW	NNW	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	35	9	
	7	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	C	S	C	S	C	S	C	S	C	S	C	S	C	S	C	S	C	S	N	44	14	
	8	SW	SW	SSW	SSW	SSW	SSW	SSW	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	44	14	
	9	S	S	S	S	S	S	S	S	S	S	S	S	S	SSE	SSE	C	W	WNW	WNW	NW	N	N	N	N	N	N	N	N	N	N	56	23
	10	NNE	NNE	NNE	NNE	NNE	N	N	N	N	N	N	N	N	NE	N	N	N	N	N	N	N	N	N	N	N	N	N	N	NNE	52	1	
	11	S	S	S	S	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	N	46	13	
	12	NW	WNW	WNW	SW	W	W	W	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	57	0	
	13	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	63	1	
	14	NW	NNW	NNW	WNW	WNW	WNW	WNW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	35	1	
	15	WSW	C	E	C	C	NE	E	NE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	N	N	N	N	N	N	N	N	N	N	N	N	69	17	
	16	NE	NE	E	ENE	C	SSE	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	69	17	
	17	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	57	4	

Hour ->	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	DIR.	Peak Wind Speed	Time
18	C	C	NNW	NNW	N	NNW	N	N	N	N	N	N	N	NNW	NNW	NNW	NNW	C	NNW	NNW	NNW	NNW	NNW	NNW	NNW	39	15
0	0	0	6	9	19	19	9	9	9	22	15	13	6	24	24	31	31	0	31	22	28	24	20	13			
19	NW	W	NW	SW	W	WSW	SW	SSW	S	S	S	S	S	S	S	SSE	S	S	S	S	S	S	S	S	S	65	19
13	9	6	13	11	11	9	7	9	11	22	24	26	31	30	33	28	44	44	46	48	41	37	33				
20	S	S	SSW	S	SSW	SSW	SSW	SSW	NW	NW	NNW	NNW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	S	56	1
41	24	28	24	26	17	15	15	20	20	28	24	20	22	26	35	24	30	24	15	15	15	24	20				
21	N	N	NNE	NNE	N	N	N	N	N	NNE	NNE	NNE	NNE	NNE	NNE	NW	C	SW	S	SE	SSE	S	SSE				
11	7	13	7	9	9	15	13	13	11	9	6	4	6	6	4	0	9	7	9	6	7	7	7				
22	C	C	NE	NNE	NNE	NNE	N	N	NNW	NNW	NNW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NNW	41	16	
0	0	7	9	9	13	11	9	11	15	13	13	20	24	30	28	30	24	19	19	17	15	15	15				
23	W	W	W	WNW	W	WNW	WNW	WNW	W	W	WNW	WNW	NW	WNW	WNW	NNE	NNE	NNE	NNE	N	N	N	N	N	NW	35	15
20	15	22	20	22	22	19	17	19	17	17	17	20	15	20	20	30	24	28	22	17	17	15	13				
24	N	NNW	ESE	C	W	W	C	S	WSW	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	63	17	
6	7	4	0	13	9	0	7	9	13	22	24	28	37	39	48	43	46	50	44	43	39	35	33				
25	S	S	S	S	SSW	SSW	SSW	SSW	SW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	N	48	0
31	31	26	31	31	22	17	15	19	28	30	26	24	30	24	22	31	22	22	26	22	31	30	39				
26	N	N	N	N	N	N	N	N	N	N	N	N	NNE	NNE	NNE	N	N	N	N	N	N	N	NNE	N	54	3	
41	41	43	43	35	37	31	30	26	22	22	26	28	28	28	24	24	15	11	11	7	9	9	9				
27	NNE	NE	NE	ENE	NE	ENE	NE	NNE	NNW	NNW	NNE	NNE	N	NNW	NW	NNW	NNE	N	C	ENE	ENE	E					
9	9	13	7	7	9	7	7	6	4	6	6	9	9	6	7	9	9	6	4	0	4	4	6				
28	C	S	W	S	SSW	C	C	C	C	NNE	N	NNE	NNE	NNE	NNE	NNE	NNE	NE	NE	NE	NE	NNE	NNE				
0	4	6	13	6	0	0	0	0	9	11	7	9	13	17	19	22	17	17	20	20	19	19	20				
EQUAL TO OR OVER					10	15	20	25	30	35	40	45	50	55	60	65	70	Wind Speed in Km/hr									
NUMBER OF HOURS					496	416	285	164	117	73	37	10	3	0	0	0	0										
NUMBER OF DAYS					28	27	25	21	17	12	10	3	2	0	0	0	0										
MAX CONSECUTIVE HOURS					60	57	32	24	24	16	8	5	1	0	0	0	0										

Hour ->	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Mean
D 1	94	93	93	93	92	93	94	93	92	91	91	85	83	84	84	84	84	84	85	84	83	82	83	80	88
A 2	82	83	78	79	79	88	81	81	83	83	83	77	79	80	72	81	81	82	84	82	80	84	80	79	81
T 3	82	83	84	85	83	88	90	86	89	87	86	90	88	90	90	90	91	93	94	95	95	96	96	89	
E 4	95	94	94	95	95	94	92	88	95	90	89	88	88	87	87	86	87	88	86	84	87	86	87	88	89
5	90	90	90	89	88	87	82	83	83	84	86	84	84	82	81	80	77	75	75	78	77	80	81	83	83
6	86	86	87	86	88	88	88	89	87	90	88	85	82	85	79	77	73	73	61	64	73	79	62	64	80
7	66	67	67	72	69	68	66	69	69	70	62	61	65	72	74	80	83	85	86	87	88	86	88	74	74
8	83	83	85	87	86	89	89	90	90	90	87	86	84	83	82	81	81	85	89	89	91	90	91	90	87
9	90	90	90	91	91	88	89	89	89	90	90	87	80	85	84	83	85	84	86	87	84	83	81	82	82
10	81	83	84	83	85	85	86	88	87	87	89	89	86	65	67	64	65	68	68	70	78	72	73	72	78
11	72	73	71	69	73	73	85	85	59	88	87	89	85	80	76	66	68	56	64	64	63	65	63	65	72
12	65	66	64	69	68	71	63	62	68	68	70	64	60	70	63	66	61	59	57	56	57	57	62	64	64
13	68	70	75	76	78	79	81	85	84	88	90	91	89	90	90	93	93	90	87	88	89	87	87	88	85
14	84	83	85	86	88	88	88	90	90	89	87	85	84	84	84	82	81	82	88	88	89	86	84	92	86
15	90	90	91	90	90	90	90	89	89	89	88	85	83	81	79	60	61	62	67	66	66	69	65	72	79
16	68	70	68	72	74	70	69	68	69	71	71	73	74	79	82	85	85	87	88	89	90	90	92	93	78
17	94	92	92	94	94	93	93	92	93	94	93	94	94	92	91	90	91	91	87	86	86	84	84	87	89
18	92	92	92	91	92	94	94	94	92	92	90	89	86	87	88	91	89	86	87	86	86	84	84	87	89
19	86	88	88	91	89	92	89	90	91	91	85	84	84	83	84	82	79	83	85	87	87	89	90	87	87
20	90	90	93	93	93	93	93	93	89	89	87	86	86	86	86	82	79	74	75	80	81	84	77	85	85
21	73	75	77	77	78	76	76	77	79	77	60	61	61	60	59	59	51	62	58	67	74	83	86	88	71
22	89	92	93	91	91	89	90	89	92	92	91	89	87	84	80	81	79	77	77	80	64	65	68	83	85
23	68	67	66	65	65	66	66	67	65	65	66	67	67	67	69	66	66	69	59	63	63	58	61	65	65
24	64	64	64	69	61	67	68	72	66	67	61	60	64	68	69	72	75	80	77	78	78	83	83	70	70
25	84	86	86	86	83	86	88	85	81	79	77	75	72	75	72	75	75	80	82	81	84	90	96	82	82
26	86	85	81	76	80	84	88	85	83	83	83	83	80	78	75	75	72	73	76	86	87	87	88	86	82
27	89	91	88	89	92	88	94	86	90	52	73	76	77	77	75	76	79	84	86	88	89	92	92	84	84
28	84	87	89	81	82	87	89	88	88	87	87	86	88	87	87	88	88	88	91	91	91	91	92	92	88
Mean	82	83	83	83	83	84	84	84	83	83	82	81	80	80	79	78	78	79	79	80	81	82	82	82	81
Moyenne																									

Note/AVIS: 1. Climatological Day/Journee Climatologique 0001 C.S.T. - 0000 C.S.T.
 2. Hours are C.S.T./Les heures sont a l'heure normale de la localite
 3. Unit/Unite = percent/pour cent

DAILY WEATHER SUMMARY FOR FEBRUARY, 1997 AT WINNIPEG, MANITOBA

1. Mainly cloudy with freezing rain and snow ending by noon. Maximum temperature above normal, minimum well above normal. Winds light to moderate.
2. Mainly cloudy with light snow. Maximum temperature above normal, minimum well above normal. Winds light.
3. Overcast with snow and freezing drizzle beginning near noon. Temperatures well above normal. Winds light to moderate.
4. Overcast with freezing drizzle and light snow ending mid afternoon. Temperatures well above normal. Winds light to moderate.
5. Variable cloudiness. Temperatures well above normal. Winds light to moderate.
6. Overcast with a brief flurry, then clearing. Maximum temperature well above normal, minimum near normal. Winds light to moderate.
7. Variable cloudiness with brief ice crystals. Maximum temperature above normal, minimum slightly below normal. Winds light to moderate.
8. Mainly sunny with ice crystals. Temperatures well above normal. Winds light to moderate.
9. Variable cloudiness. Temperatures above normal. Winds light to moderate, increasing to strong late evening.
10. Variable cloudiness with light snow overnight. Temperatures near normal. Winds strong decreasing to light by mid afternoon.
11. Variable cloudiness with light snow. Maximum temperature near normal, minimum below normal. Winds light to moderate.
12. Variable cloudiness with a brief flurry. Temperatures well below normal. Winds light increasing to strong by evening.
13. Overcast with snow and blowing snow. Temperatures above normal. Winds moderate to strong.
14. Mainly sunny. Temperatures near normal. Winds moderate decreasing to light by evening.
15. Overcast with snow, then clearing by mid afternoon. Temperatures well below normal. Winds light.
16. Clear overnight, then becoming overcast with snow and blowing snow by afternoon. Maximum temperature near normal, minimum well below normal. Winds light increasing to strong by afternoon.
17. Variable cloudiness with snow and blowing snow ending by noon. Temperatures well above normal. Winds moderate decreasing to light by afternoon.
18. Mainly cloudy with freezing drizzle, snow, and blowing snow. Temperatures near normal. Winds light to moderate.
19. Variable cloudiness. Maximum temperature slightly above normal, minimum slightly below normal. Winds light increasing to strong mid afternoon.
20. Mainly cloudy with freezing rain overnight. Maximum temperature well above normal, minimum slightly above normal. Winds light to moderate.
21. Mainly sunny, then becoming overcast with snow late evening. Maximum temperature slightly below normal, minimum near normal. Winds light.
22. Mainly cloudy with snow ending overnight, then clearing. Temperatures below normal. Winds light to moderate.
23. Mainly sunny with a brief flurry. Temperature well below normal. Winds light to moderate.
24. Mainly cloudy. Maximum temperature slightly below, minimum well below normal. Winds light to moderate, increasing to moderate to strong by afternoon.
25. Variable cloudiness with snow beginning late evening. Temperatures well above normal. Winds moderate.
26. Variable cloudiness with snow ending by mid morning. Maximum temperature above normal, minimum near normal. Winds moderate to strong decreasing to light by evening.
27. Mainly sunny. Maximum temperature below normal, minimum well below normal. Winds light.
28. Mainly cloudy with occasional snow. Temperatures near normal. Winds light.